REMARKS

Examiner Adam L. Henderson is thanked for the thorough examination and search of the subject Patent Application.

Claims 1, 3, 7, and 9 have been amended, Claims 2 and 8 have been canceled.

All Claims are believed to be in condition for Allowance, and that is so requested.

Examiner Adam L. Henderson is thanked for allowing Claims 13-20 and for allowing Claims 2-6 and 8-12 if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Reconsideration of the rejection of the claims 1 under 35 U.S.C. 102(b) as being anticipated by Kamata et al. (EP 1 134 967 A2)), hereinafter Kamata, based on amended claim and on following remarks:

The amended Claim **1** of the claimed invention discloses:

> **1.** (currently amended) A method to compensate vignetting in digital cameras comprising a multiplication of each pixel output of the array sensor of the camera with a variable correction factor defined for each pixel, wherein said variable correction factor is calculated for each pixel using a first product of a first constant factor, describing the geometry and quality of the lens/sensor system, multiplied with the square of the distance between the pixel and the center of the sensor array, and a second product of a second constant, describing the geometry of the lens/sensor system with

the distance between the pixel and the center of the sensor array to the power of four.

Claim **2** has been rewritten in Claim **1** including all of the limitations of the base claim **1** and claim **2** has been canceled subsequently. Therefore claim **1** is believed to be allowable.

Reconsideration of the rejection of the claims 7 and 8 under 35 U.S.C. 103(a) as being unpatentable over Kamata et al. (EP 1 134 967), hereinafter Kamata, in view of Li (US 6,833,862) is requested, based on amended claim 7 and on following remarks:

The amended Claim **7** of the claimed invention discloses:

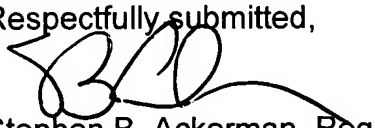
7. (currently amended) A method to compensate vignetting in digital cameras comprising a multiplication of each pixel output of the array sensor of the camera, except pixels being close to the center, with a variable correction factor defined for said pixels, wherein said variable correction factor is calculated for each pixel, except pixels being close to the center of the sensor array, using a first product of a first constant factor, describing the geometry and quality of the lens/sensor system, multiplied with the square of the distance between the pixel and the center of the sensor array, and a second product of a second constant, describing the geometry of the lens/sensor system with the distance between the pixel and the center of the sensor array to the power of four.

Claim **8** has been rewritten in Claim **7** including all of the limitations of the base claim **7** and claim **2** has been canceled subsequently. Therefore claim **7** is believed to be allowable.

Allowance of all Claims is requested.

It is requested that should the Examiner not find that the Claims are now Allowable that the Examiner call the undersigned at 845-452-5863 to overcome any problems preventing allowance.

Respectfully submitted,



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